CTR Employer Survey Report

Employer: Volt Computer and Engineering Services

Non-Drive Alone Rate: 20.6%

Drive Alone Rate: 79.4%

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Participation: CTR

Employer ID: E85480

Status: Affected

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Survey Date: 10/3/2019

Survey Type: Paper

Response Rate: 66%

response Nate: 00%

Street: 11601 Willows Road NE

Non-Drive Alone & One-Way VMT Rates at this Worksite

Jurisdiction: City of Redmond

Worksite: Volt Services

Employer Id: E85480

Employees and Survey Response Information

Reported Total Employees at Worksite: 180

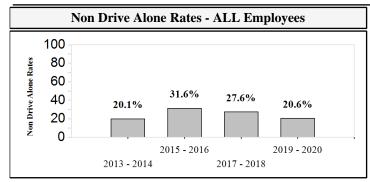
Surveys Distributed: 180

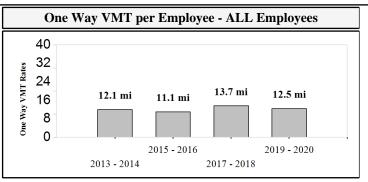
One-Way VMT per employee: 12.5 Surveys Returned: 118

Average One-Way distance home to work: 18.2 Surveys Returned by CTR Affected* Employees: 78

Total Estimated CTR Affected Employees at Worksite: 119

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.





Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

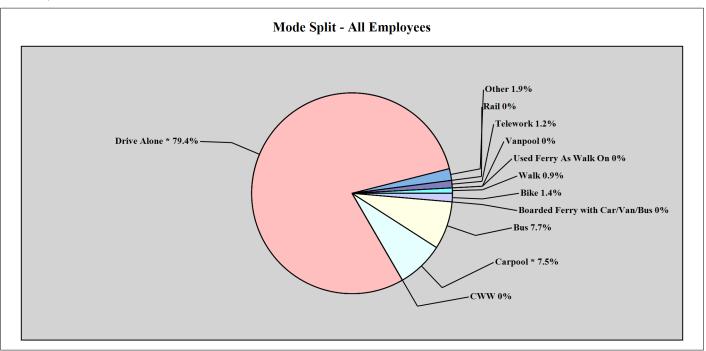
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	20.1%	19.5%	488	488 598		12.1	12.4
2015 - 2016	31.6%	29.2%	180	384	18.8 11.1		11.0
2017 - 2018	27.6%	25.5%	302	422	20.7	13.7	12.8
2019 - 2020	20.6%	18.2%	324	494	24.2	12.5	13.9
Target	26.1%				Target:	9.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	0.5				% Change from Baseline:	3.3%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Employer ID: E85480

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



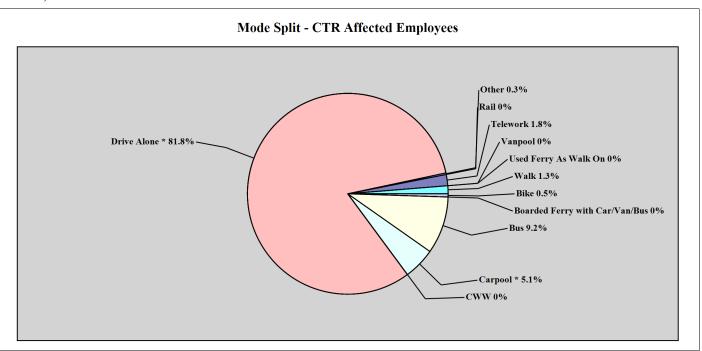
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	463	79.4%	72.4%	95	80.5%	72.0%
Carpool *	44	7.5%	22.0%	11	9.3%	22.9%
Vanpool	0	0.0%	0.9%	0	0.0%	0.8%
Bus	45	7.7%	2.7%	9	7.6%	2.5%
Rail	0	0.0%	0.4%	0	0.0%	0.8%
Bike	8	1.4%	1.4%	3	2.5%	1.7%
Walk	5	0.9%	0.0%	1	0.8%	0.0%
Telework	7	1.2%	0.2%	3	2.5%	0.8%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	1.9%	0.0%	5	4.2%	0.0%

^{*} Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Employer ID: E85480

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey	
Drive Alone *	319	81.8%	74.5%	65	83.3%	75.3%	
Carpool *	20	5.1%	18.9%	5	6.4%	18.5%	
Vanpool	0	0.0%	1.3%	0	0.0%	1.2%	
Bus	36	9.2%	3.8%	7	9.0%	3.7%	
Rail	0	0.0%	0.5%	0	0.0%	1.2%	
Bike	2	0.5%	0.8%	1	1.3%	1.2%	
Walk	5	1.3%	0.0%	1	1.3%	0.0%	
Telework	7	1.8%	0.3%	3	3.8%	1.2%	
CWW	0	0.0%	0.0%	0	0.0%	0.0%	
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0 0.0%		
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%	
Other	1	0.3%	0.0%	1	1.3%	0.0%	

^{*} Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Employer ID: E85480

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees	
0 Day	89	75%	118	100%	
1 Days	3	3%	29	25%	
2 Days	3	3%	26	22%	
3 Days	2	2%	23	19%	
4 Days	2	2%	21	18%	
5 Days	18	15%	19	16%	
6 or More Days	1	1%	1	1%	

Count by Occupancy of Carpools and Vanpools

Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

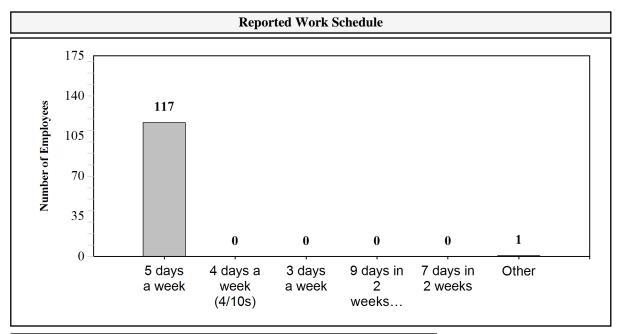
Ridesharing Occupancy	Mode	Response Count
2*	Carpool	44
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

^{*} Motorcycle-2 counted with Carpool-2 for this table.



Reported Work Schedule - All Employees

Q.8 Which of the following best describes your work schedule?

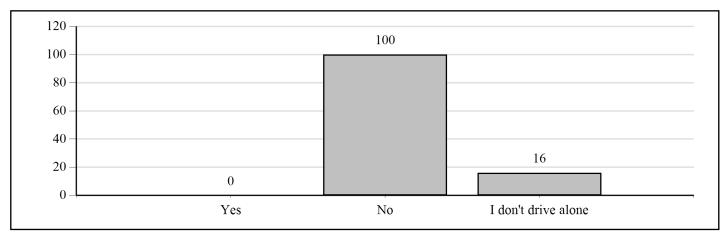


Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	117	99.2%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	0.8%

rtation Employer ID: E85480

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	103	87.3%
Occasionally, on an as-needed basis	13	11.0%
1-2 days/month	2	1.7%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	43	21.5%
Driving myself is not an option	26	13.0%
To save time using the HOV lane	21	10.5%
Other	19	9.5%
Financial incentives for carpooling, bicycling or walking.	18	9.0%
Personal health or well-being	17	8.5%
Environmental and community benefits	16	8.0%
Cost of parking or lack of parking	12	6.0%
I have the option of teleworking	11	5.5%
Free or subsidized bus, train, vanpool pass or fare benefit	7	3.5%
Emergency ride home is provided	4	2.0%
Preferred/reserved carpool/vanpool parking is provided	4	2.0%
I receive a financial incentive for giving up my parking space	2	1.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	79	29.6%
Riding the bus or train is inconvenient or takes too long	77	28.8%
Other	31	11.6%
My commute distance is too short	22	8.2%
Bicycling or walking isn't safe	22	8.2%
Family care or similar obligations	17	6.4%
My job requires me to use my car for work	11	4.1%
I need more information on alternative modes	8	3.0%
There isn't any secure or covered bicycle parking	0	0.0%

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Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

							Week	ly Cour	nt of Ti	rips By	Mode				
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	17	14.41%	50	8	0	0	0	0	6	5	2	0	0	0	8
98034	12	10.17%	42	8	0	0	10	0	0	0	0	0	0	0	2
98012	7	5.93%	35	0	0	0	0	0	0	0	0	0	0	0	0
98011	6	5.08%	23	1	0	0	4	0	0	0	2	0	0	0	0
98028	4	3.39%	20	0	0	0	0	0	0	0	0	0	0	0	0
98087	4	3.39%	15	5	0	0	0	0	0	0	0	0	0	0	0
98021	3	2.54%	15	0	0	0	0	0	0	0	0	0	0	0	0
98033	3	2.54%	10	5	0	0	0	0	0	0	0	0	0	0	0
98037	3	2.54%	15	0	0	0	0	0	0	0	0	0	0	0	0
98077	3	2.54%	17	0	0	0	0	0	0	0	0	0	0	0	0
98121	3	2.54%	5	0	0	0	9	0	0	0	0	0	0	0	0
98272	3	2.54%	15	0	0	0	0	0	0	0	0	0	0	0	0
98004	2	1.69%	0	0	0	0	10	0	0	0	0	0	0	0	0
98007	2	1.69%	10	0	0	0	0	0	0	0	0	0	0	0	0
98008	2	1.69%	10	0	0	0	0	0	0	0	0	0	0	0	0
98027	2	1.69%	10	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	1.69%	10	0	0	0	0	0	0	0	0	0	0	0	1
98059	2	1.69%	10	0	0	0	0	0	0	0	0	0	0	0	0
98074	2	1.69%	7	0	0	0	0	0	0	0	3	0	0	0	0
98133	2	1.69%	2	0	0	0	7	0	0	0	0	0	0	0	0
	1	0.85%	7	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98006	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0

0.85%

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							Week	ly Cour	nt of Ti	ips By	Mode				
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98043	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.85%	3	0	0	0	0	0	2	0	0	0	0	0	0
98092	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98104	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.85%	0	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.85%	0	5	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.85%	1	4	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.85%	0	0	0	0	5	0	0	0	0	0	0	0	0
98168	1	0.85%	1	3	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98200	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.85%	5	0	0	0	0	0	0	0	0	0	0	0	0